

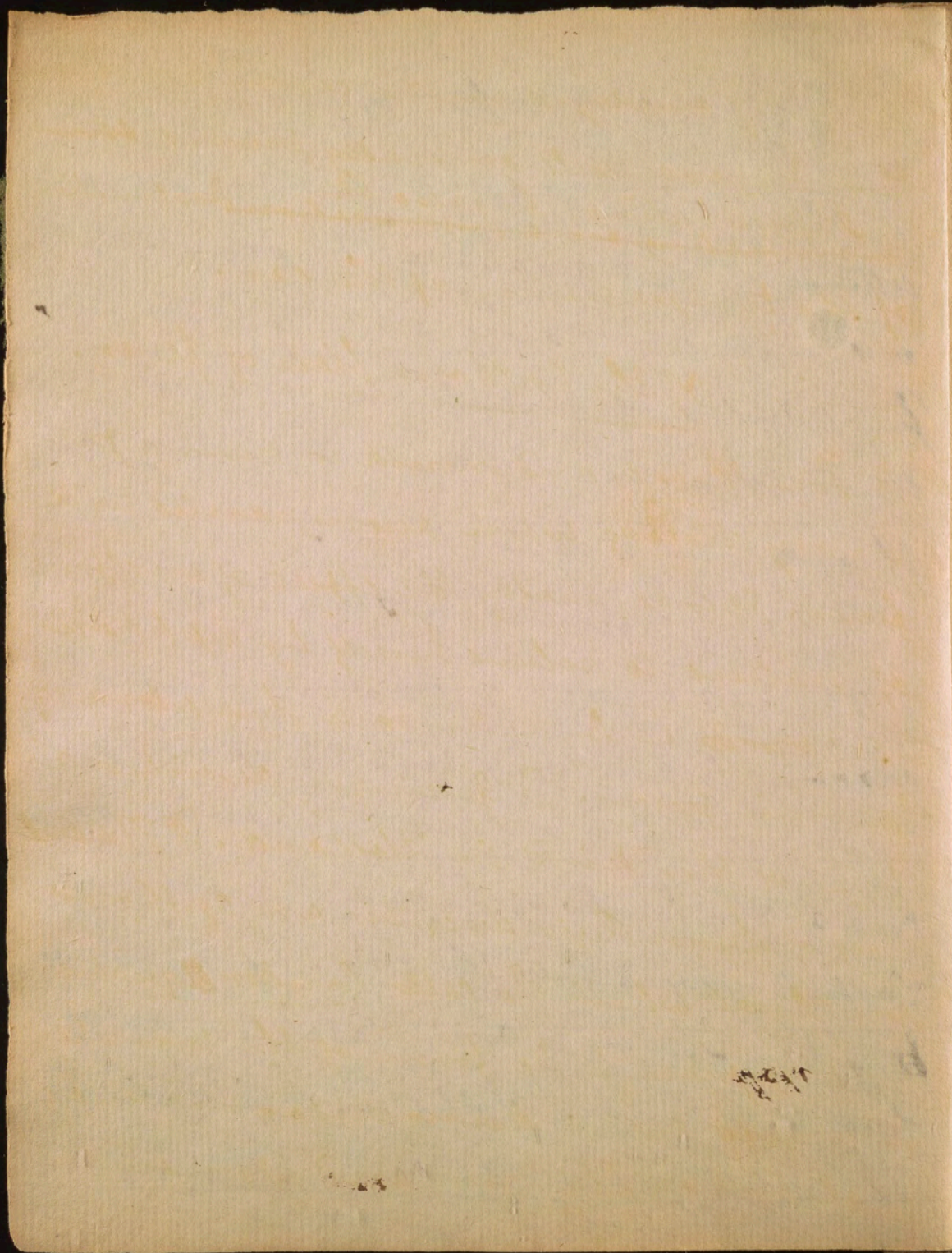
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Of the Otalgic State of fever.

I call it a state of fever, for it always attends it in a greater or less degree. It is a common disease among children, In adults it sometimes accompanies the Influenza; the different kinds of sore throat, and a Salivation.

Its Remedies should be

1 Bleeding 2 purges, 3 Blisters behind the ears - 4 Cotton put into the ear dipped in equal parts of Sweet oil & Camellian, and 5 The smoke of Sugar sprinkled upon Coals conveyed into the ear. If the disease tend to a Suppuration, Cataplasms of bread and onions boiled in milk should be applied over the ear - Bleeding, and



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purges if employed in the early stage of ^{this} disease, will generally prevent ~~this~~ ^{suppurating, as also the} ~~terminating in a suppuration~~ destruction of the tympanum of the ear.

Of the Aphthous state of fever.

A sore throat, and mouth is never a primary disease when accompanied with fever. It is generally the effect of an effort of nature to relieve herself by depletion. It attends is sometimes a symptom of epidemic fever. Dr. Gaingier describes a fever of this kind in Holland. Dr. Nasidze-tou of Lynn Regis describes an aphthous sore throat which he calls Canker Aquaticus. - It appears to be form of the fever which is derived from *hois virus aquatici exhalationis*. Children and women are

V The Contagion which prevailed in Philadelphia in the year 1803 ended in a low degree of apthae in many people.

most subject to it. In the former it sometimes destroys the foreteeth. The Ulcers produced by the disease are fatal, & discharge a Corrosive matter. It is the effect in ~~this~~ new born infants of general fever induced ~~by~~ it is said by the Stimulus of the necrosis in the bowels, but probably by the ~~change~~ impression of the atmosphere upon their delicate skins and lungs. I have once seen it in a pharynx in which case it terminated favourably, and ^{I have} once seen it induce Cynanche trachealis in a Child of 18 months old which ended in death. - It sometimes attends the last stage of Dyspepsia, Diarrhoea & pulmonary Consumption in which cases it is

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uniformly fatal.

The Remedies for this disease should be regulated by the pulse, the season, and the Epidemic of which it is sometimes a Symptom. If the pulse be full or loose: ^{sometimes} Bleeding & 2 purges will be proper. If waters be incompetent to cleanse the mouth and throat, Calomel will be useful. If the pulse be feeble, Bark, Wine, & Laudanum are proper. The mouth and throat should be kept clean by means of gargles of Sage tea, ^{honey} & vinegar, and the face should be gently touched with a little sweet Rosemary oil, - lard with the muriatic acid.

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5
of the Scrophulous state of fever.

This disease is supposed to be seated exclusively in the ~~great~~ ^{lymphatic} glandular parts of the body, but it is certainly connected with the arterial system, and is generally accompanied with more or less fever. It sometimes affects the bloodvessels primarily, and the lymphatic glands in a secondary manner as in the jail and yellow fever. It is one of the epidemics of Barbados where it has been ably described by Dr Wemyss by the name of the glandular disease. It is taken notice of by Dr Chisholm in his travels through the West Indies in search of proofs of the ~~domestic origin~~ and contagiousness of the yellow fever. It

V. Island. This appearance has been ascribed to the great change induced in the atmosphere by the cutting down of the woods. The air has become in consequence of the Island being thus cleared uncommonly dry, which it affects children and persons under puberty chiefly. The predisposition to it is hereditary.

W. It is distinguished from Wens, and Schissi by affecting several parts of the body at the same time, whereas those ~~other~~ tumors are generally solitary.

was unknown in the first settlement of the V
It affects the glands of the throat, the upper
lip, nose, the axilla, the breasts, the groins
the testicles, the psoas muscles, the knees,
the eyes and the ears externally, and the
mesenteric glands, lungs, liver, bladder,
rectum, uterus, and ovaria internally.

It occasionally affects the teeth, and all
the bones of the body in which case it
has been called the Rickets. It is a very
common disease in England. It prevails
very much in marshy countries. This
is remarkably the case ⁱⁿ of Lyme Regis,
^{near the Lighthouse,} where it has been very ~~long~~ correctly described
in a small Inveicimo work by Dr Will-
-mott. It is a rare disease in the
United States - much more so than it
was 40, or 50 years ago. — V

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I have introduced this Disease among the
 Jews, because I believe it to be a mis-
-placed State of fever. My reasons for
 this opinion are as follow.

The remote causes are the same as fe-
 -vers. These are, ¹ miasmata, and

heat succeeding cold, or cold succeeding heat,
 or from cold acting simply upon the body.
~~The primary cause of this disease has been~~
~~its frequency in England has been ascribed to~~
~~called the cold fever. 2. The cause is~~
~~the scanty cloaths first & cloathing of the poor~~
~~and to have one of its causes among~~
~~children among whom it is most prevalent.~~
~~scarcely~~ It often succeeds Intermitents in

Barbadoes according to Dr. Hillary, and these
 we know are derived from the Keino mias-
 -matic exhalations. 2 Impure water. Dr.

Wetherburn mentions its being induced by
 this cause at Rhinns. we are prepared to
 believe this from what has occurred in

V 3 I infer it from its making its
first appearance in the Spring &
from its exacerbations occurring
at that season of the year. This
is taken notice by Dr Cullen. Now
the weather in the Spring we know
favors the production of fevers.

Philadelphia from drinking impure pump
water impregnated with the excretions
of privies in many parts of the city.
This water was justly charged with being
one of the remote causes of the yellow
fever which prevailed so many years in
Philadelphia.

¶ I infer its being a febrile disease from
its affecting, like fevers not only all ^{ages,}
colors, and both sexes, also ~~Chaggers~~, but certain
~~all climates and seasons~~, but certain
domestic animals. ~~It prevails likewise~~

~~like fevers in all climates & seasons.~~
It prevails more among children than
adults, from the larger size of their lym-
phatic glands in proportion to the size
of their bodies. V.

¶ I infer it from its symptoms. These
are a hot and cold fit upon its first
attack, pain, inflammation, & frequently
a febrile pulse - burned teeth, swelled &

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black gums, and from its sometimes like
fever, inducing sudden death. When it ap-
-pears in the form of Elephantiasis, it begins
with a pain in the groin, which extends
downwards accompanied with redness, &
followed according to Dr Pinkard with an
intermitting fever.

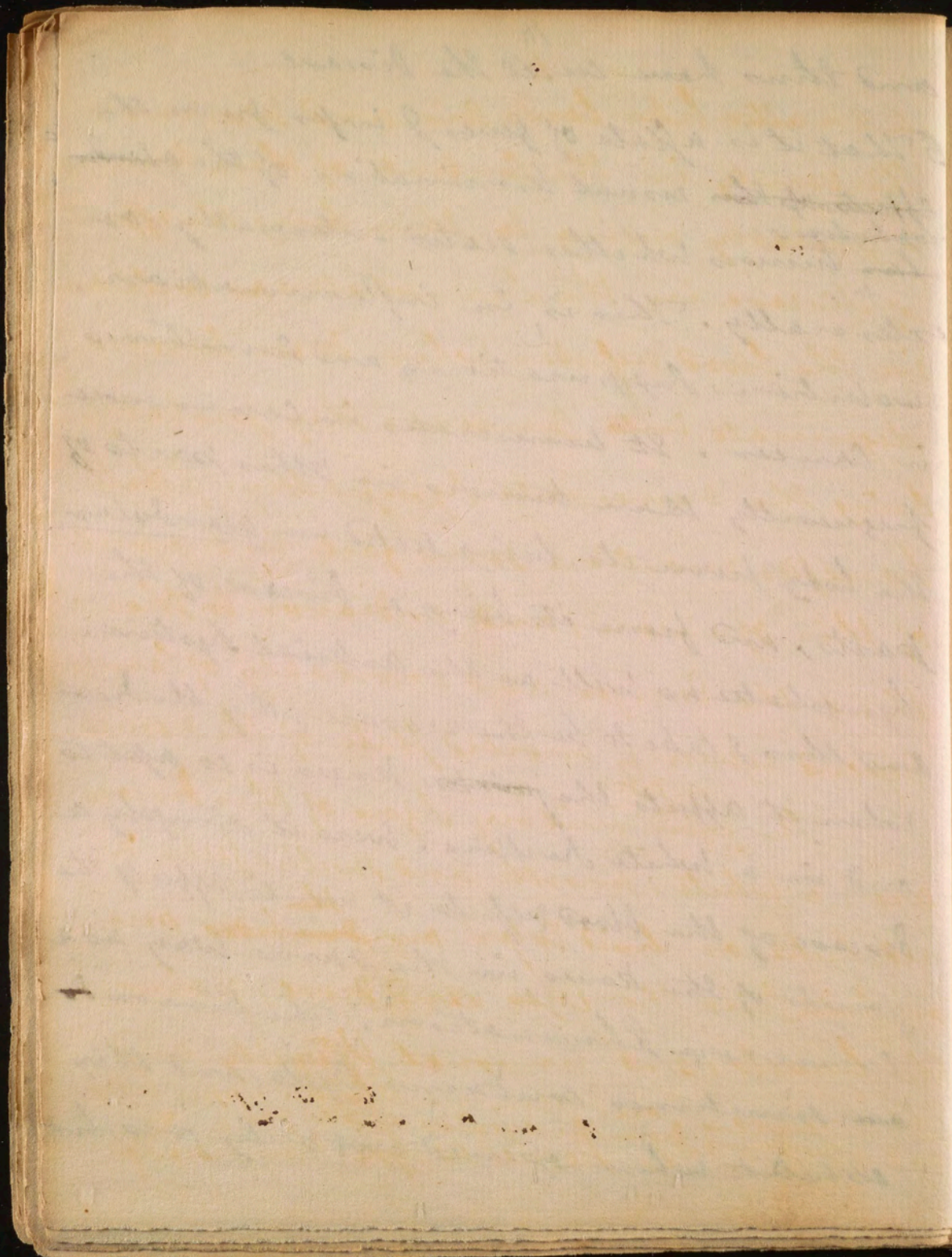
5 I infer its being a state of fever from the
appearance of the blood when drawn in
it. It is not icky, Dr Hensley tells me, but
this proves only that the fever transcended
that grade of action which usually pro-
-duces icky blood. The absence of this
size led the Doctor to call the disease putrid,
and to desist from bleeding. Had he repeated
this remedy, he would probably have
renewed the blood refers to that grade of
action in which they create icky blood,

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and thus have cured the disease. —

6 That it is a state of fever I infer from the effects of the usual termination of the glandular ^{exophthalmos} ~~the~~ tumors whether seated internally, or externally. This is, in inflammation, resolution, suppuration, and sometimes in Cancer. It terminates in Cancer more frequently than tumors in other parts of the body from its being seated in glandular parts, and from its being a disease of the lymphatics as well as the arterial system. And this I take to be the reason why the disease when it affects the ~~joints~~ knee is so apt to end in a white swelling. Were it simply a disease of the blood vessels it would affect the joints of the knee in the same way as a common Rheumatism. The tumors ~~do~~ are sometimes contains cysts, and they exhibit when opened not only pus, but



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a matter like lead, Air and Worms. This variety in the Contents of these tumors is probably owing to their being the effects of disease in the Lymphatics as well as in the blood vessels. When these tumors degenerate into Cancers, they probably bring the nerves into Sympathy. I shall hereafter mention some facts in support of this opinion, and endeavor to show that the Danger and inevitability of Cancers depend upon a morbid state of the nerves.

The premonitory signs of this disease are, a white, smooth and swelled face, a red, hectic, or livid color on ~~one~~ ^{the} side or on both sides the eyes and nose, pains in the bowels, and unusual Vivacity and intelligence, ^{and above all a tumid upper lip,} and a running ^{from the eyelids and ears} the Remedies for this disease

✓ occurring first in the Spring indicates
its partaking more or less of an
inflammatory nature.

have hitherto being prescribed for its cross-
 logical name, and hence it has often
 terminated fatally, ~~often~~ or remained in
 the system till accident, or a change of
 the predisposition ^{has} cured it. By accommodat-
 ing our Remedies to the state of the system
 as manifested by the pulse, it may be
 made to yield to the power of medicine
 nearly as easily as any of the common
 forms of fever.

In an excited state of the pulse, the
 Remedies should be

1st bleeding. I have used this remedy with
 Advantage in this disease. ~~also~~ 2^d V
 2 Purges, and 3 low diet. These depleting
 remedies should be continued until the
 pulse is reduced, after which the remedies

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should be of a stimulating & tonic nature.
 These should be 1 Bark. Dr Fothergill
 confines the use of this medicine to that
 state of the disease only in which no
 pain is felt in the bones.

2 The Sal Soda.

3 Common Salt. a teaspoonful of it
 should be given three times a day. It
 is said the Sal Catharticus humerus
 or the Sulphate of magnesia is equally ef-
 fectual in this disease with the Common
 Salt.

4 Salt Water. This has been much com-
 mended in Scrophula, but Dr Hamilton
 says it has no Advantage over Com-
 mon Salt or the Sulphate of magnesia.

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5 Calomel with, or without Opium according to the state of the pulse, or the degree of pain. 6 The emetic of Ipecac.

7 The Cold Bath. Salt water is generally preferred for this purpose, but Dr Hamilton says it has no advantage over fresh water.

8. Cordial diet and drinks.

9 Bandages around the parts where external heat are affected with the disease.

10 Exercise, and 11 A change of Climate. In no disease is this remedy more effectual than in the one under consideration. Dr Pinkard tells us it even cures the Elephantiasis of Barbadoes.

There are several quack medicines

✓ following Applications useful in Dis-
-cussing them viz Powder of Oak Bark
℥i Camphr ℥i mixed with any liquid
into a poultice - Cold water - a compos-
-ition of Tart: Emet ℥i Lard ℥i mixed
together, Electricity and galvanism have
all been employed for the same purpose.

† Dr Armstrong recommends Application
of poultices to them made of lintseed
meal or crumbs of bread & ^{sea} salt water.
℥ij of Common salt dissolved in ℥ij of
soft water are a good Substitute for
sea water. Dr Haller who mentions

which have been been employed in this
disease. These are burnt sponge, madrapora,
coral & Coralline. They are ^{all} of no efficacy, ex-
-cept ^{probably} the first, and that ~~may~~ if useful,
owes its virtues wholly to the Sal Soda which
this they may all

is found in the
be considered as the works of this
Cheap Polono turners should always
be left to open themselves, except where
they lie near a large blood vessel, or upon
a bone. Dr Darwin says the found the V
bones should always be

Scrophulous joints were
treated according to their appearance, and
the state of the pulse. ~~They are distinguished from~~
~~common fevers~~ It has lately been discovered that the

It has lately been discovered that the
Goitre is common in the western parts
of the middle States ^{of America} ~~and is~~ ^{is a form of} ~~Scrophulous~~ ^{Scrophulous}.
~~The~~ ~~pleasures~~ ~~for~~ ~~this~~ ~~opinion~~

Several of the remedies that I have
recommended in this disease, acknow-
-ledges that he has seldom cured it,
and that supposes that the effects
which have been ascribed to the remedies,
arose from the disease going off of
itself which it usually does in 4
or 5 years. The ~~if~~ ^{his} Dr's want of
Success I believe arose from ~~its~~ ^{his} pursuing
only for the name of the disease, in
which case I do not wonder that some
of his remedies were ^{useless and} even hurtful.
By ^{reducing the disease to the purity of fever and} conforming to the varying states
of the system in the use of the remedies
which the Dr has condemned or said
to be useless, I have seldom failed of
curing the disease.

The following facts belong to this disease. 16

1 It prevails in places where sore eyes sometimes prevail, ~~and this disease too~~
~~knows is sometimes the effect of a miliary~~
fever.

2 It is increased by moisture & least felt in dry humors & autumns. ~~The same thing~~
~~is true of certain fevers.~~

3 It affects persons of all countries, and even the Indians of our country.

4 It affects children in Utro, & is seldom seen in persons beyond 25 years of age.

~~& before~~ It affects the father, without appearing in the mother, but is generally appears in the mother within a year after being delivered of a child that is affected with it.

5 It affects men less than women in the ratio of 1 to 3.

6 It is increased by pregnancy.

V mentioned formerly of the glandular
disease of Barbadoes being a form of
fever renders this opinion highly
probable. —

7 It is accompanied by ~~universal~~ ^{universal} pain
just before a change of weather.

8 It affects pigeons, dogs, sheep, hogs
and horses. In the last the Urine is tin-
-ged of a yellow color.

9 It goes off in a year after leaving the
atmosphere in which it was acquired.

From the above facts, ^{Dr Barton} ~~and from the~~
~~fact of the glandular disease of Barbadoes~~
has supposed it to be a
~~being a form of fever, it appears highly~~
~~probable that it is like the glandular disease~~
of Barbadoes ^{misplaced} ~~a form of fever~~ affected the
glands of the throat and derived from
koinoaniasmatic exhalations. The facts^v

As yet no cure has been discovered
for it. ~~Putrid bark~~ Bark, Calomel &c

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common fall have all been employed in
 it to no purpose. Perhaps they were ineffec-
 -tual because they were not preceded by
 local depletion. A sea voyage has once
 cured it, perhaps only by removing the
 diseased person out of the infected atmos-
 -phere.

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of the Scorbutic State of fever.

I have classed Scurvy with the misplaced
fevers **I**. Because it is produced by all the
remote predisposing, and exciting causes
of fever. These are ^{dilating and} ~~Direct~~ ^{or indirect} ~~it indicates the first~~
-ly. the former are
1 Cold and Moisture. It is induced in Holland
chiefly by these causes. They are both con-
sidered more hurtful by their scanty fires.
Such is the Avarice of the inhabitants of
that country in the use of fuel, that
they sit with their great Coats on in their
houses in cold & damp weather over a few
coals of fire, and even put out their fires
in their kitchens ~~after cooking the~~ in the
intervals of cooking their Victuals.

It requires a degree of Cold below
66° to produce the Scurvy. It disappears

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in the cold countries of Europe as soon as
the mercury rises to 40° in Fahrenheit even
in moist weather.

~~2. *Thrombinaria* exhalations. The land
scurvy whose general is derived chiefly from
this cause. I have mentioned in my medi-
cal inquiries an instance of its having~~

2. a scanty allowance of food of a wholesome
quantity. The whitary cases we now and
then meet with of its being produced by tea,
other such light articles of diet,
~~character of the diet~~ seem to depend more upon
the small quantity of nourishment afforded
by those articles, than upon any Unwhol-
some quality in them.

3. Depression of mind. Of this I find even-
-tions a remarkable instance in the crew

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of a ship of war that was suddenly ordered out upon an expedition after a long cruise without being permitted to see their friends, or to even to land upon their native shore.

4 The want of exercise. In the Manchester Memoirs Dr Aiken mentions a striking proof of the effects of this directly debilitating cause in predisposing to the Scurvy. A number of persons wintered in Greenland. All of them who remained constantly in their quarters had the Scurvy, while those who went abroad daily in quest of provisions, escaped it.

2 The indirectly debilitating causes

V at the same time with the Autumn-
-ral fever, and from the same cause.

of Scurvy ~~are~~ are

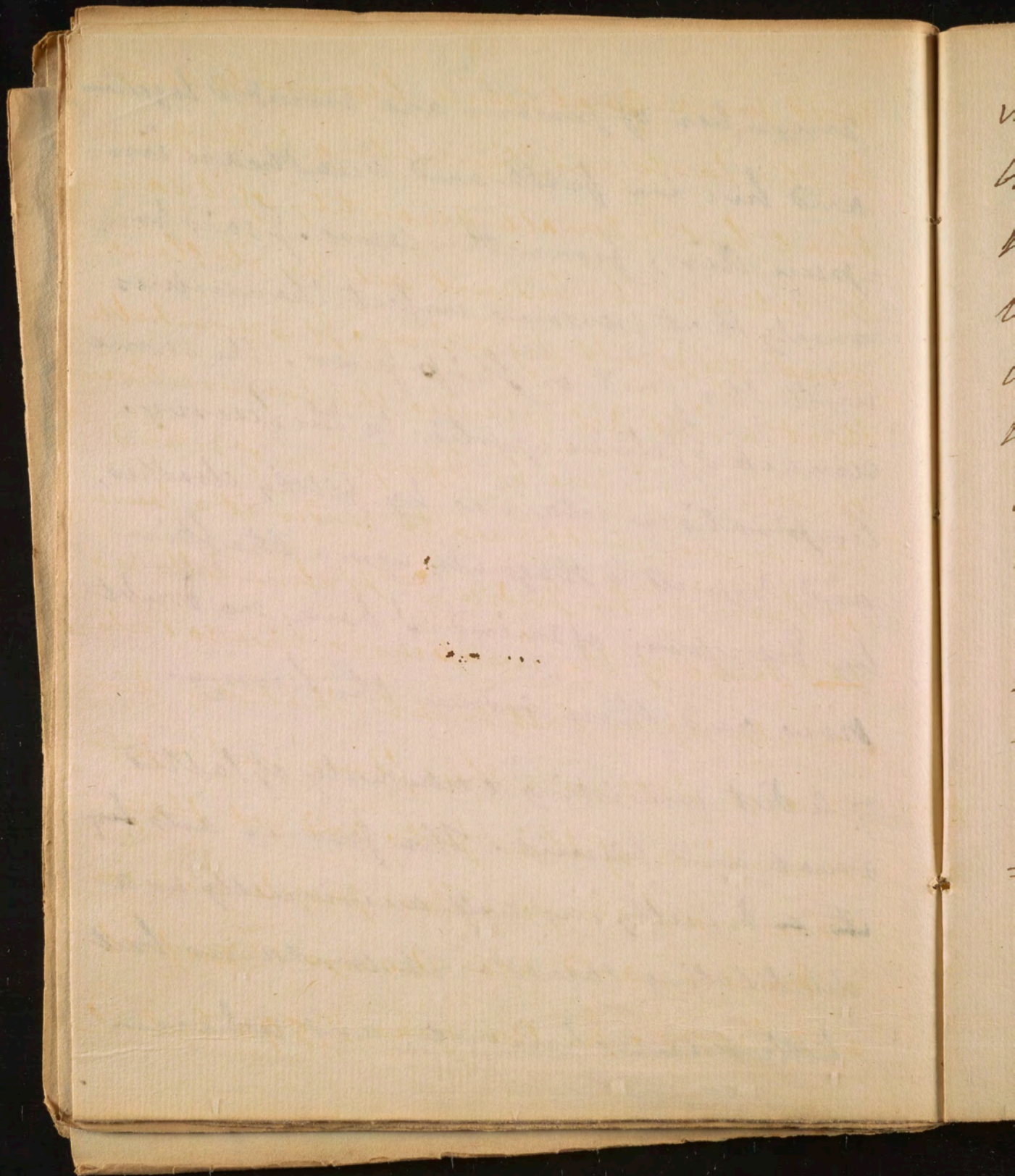
^{Koino-}

5-^{Idiosyncratic} exhalations. The land

Scurvy when general is derived chiefly from this cause. I have mentioned in my medical inquiries an instance of its having produced by the exhalations from the sides of a new ship ^{unmen-}
-ded by Capt. Bell on his Voyage from this City to the East Indies. Cases of it occurred with the Koino-
-matic fever which prevailed with so much mortality in the American Army at New Orleans in the year 1809. Dr. Aikett takes notice of its appearing
6-^{Idiosyncratic} exhalations. It occurs in Camps and Ships in which a

12, number of persons are crowded together,
and live in filth, and breathe an im-
-pure Air, from this cause. I said for-
-merly that persons infect themselves
with the jail or ship fever. The same
remark I believe applies to the Scurvy.
Respiration retained by filthy clothes,
and disposed to stagnate upon the skin,
by depressions of mind, I have no doubt
now and then induces the Scurvy.

A diet consisting exclusively of salted
meat and biscuit. The former acts by
~~its~~ directly, as well as indirectly as a
debilitating cause. It contains but
little nourishment, and where



used for a great while becomes so acid
 to the taste and Stimulating to the Gums
 that but a small quantity of it can
 be eaten. The biscuit acts by its slow
 and difficult digestion. It is remarkable
 that a salt diet requires the cooperation
 of cold, moisture or depression of mind
 in some instances to render it a cause
 of Scurvy. In India Dr Huxley tells us
 that some of the Europeans live so exclu-
 sively upon salt meat, that they dis-
 charge salt into their shoes in the per-
 spirations of their feet, and yet they
 have no Scurvy. These people live in
 a dry air, and are always cheerful
 and happy. In the year 1759 a British

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Army was shut up and besieged by the French Army within the City of Quebec. During the winter. They lived wholly upon salted provisions, and were generally affected with the Scurvy. Here cold, and depression of mind cooperated in producing the disease.

& a diet whether vegetable or animal abounding with nourishment disproportioned to the digestive and assimilating powers of the system. These have been Sugar - milk - chocolate, - the Breadstuck of this country, - bad bread, and half baked bread made of good flour, - biscuit and costly fresh meat ~~is~~ eaten without bread, ^{and an unusual quantity of fat aliment.} Instances of Scurvy being induced

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by each of these causes are to be met with
in the words of medicine. The same thing
may be said of fresh meat that was
said of salt meat. It was the cause of
the Scurvy in a garrison in which
there was deprivation of mind from their
being besieged by a body of ~~Indians~~ Indians
in the last french war in America.

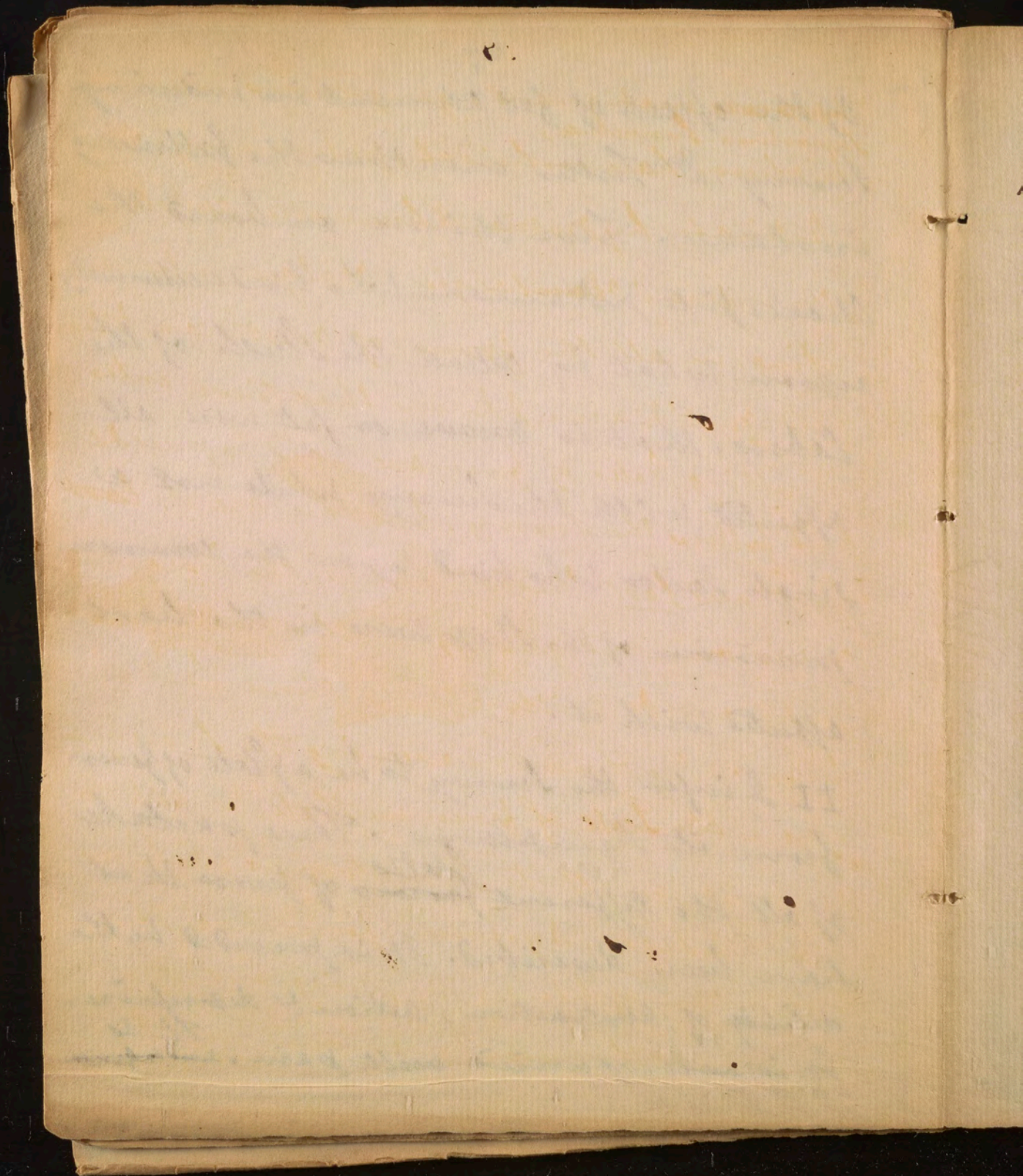
When the flesh of the Buffaloe when eaten
for years without bread has never been
known to bring on the Scurvy in the
members of the Northwest from Company
~~sett~~ who trade and live with the Indians,
and for the reason given why the ^{Indians} ~~persons~~
Inequans in India who live upon salt
meat, that is they breathe a pure air &
are always cheerful and happy.

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Of the effects of fat Aliment in inducing
 Scurvy, Dr Lister mentions the following
 instance. Five Chinese on board the
 Chesterfield Indianman who lived exclusively
 upon what is called the *Stush* of the
 Cabros, that is grease, or fat were all
 affected with the Scurvy while not a
 single Sailor who lived upon the common
 provisions of the ship were in the least
 affected with it.

II I infer the Scurvy to be a state of fever
 from its symptoms. These partake
 of all the different ^{states} ~~forms~~ of fever that
 have been described. It is preceded by the
 debility of Abstraction, action & depression.
 It is accompanied with pain, ^{It is} ~~and~~ ~~with~~



~~typhus~~ enanthematous, gangrenous, petechial
 typhus, typhus,
 typhus, hemorrhoidal, pulmonary, in-
 -testinal, hydropic, Rheumatic, apoplectic,
 convulsive. - Otorrhoea, Otalgia, Intermitt-
 -ting, in all the forms of Quotidian, tertian
 and Quotidian. I know that these inter-
 -mitting states of fever are said to precede
 and follow the Scurvy, but they are its ~~last~~
first and last stages, that is, the disease
 comes on, and goes off in those forms. The
 pulse accords with all the above states of
 fever. By thus measuring the Scurvy by
 upon the Scale of fever we shall be able to
 account for all its symptoms, such as
 hemorrhages, dyspnea, gonorrhoea, the
 extinction of life from rising out of bed,
 or from the crisis occasioned by the

